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SUBJECT: Review of Proposed Sample of Foundry Machinery for [redacted] 25X1A5a1
Machinery Ruble-Dollar Ratio Study.

1. The proposed sample of Soviet foundry machinery appears adequate in both the selection of major categories and individual model-types. There are no suggestions to improve the representativeness of the sample. 25X1A5a1 [} ApprDI PF

2. The following suggestions are proposed to comply with [redacted] analyst's request for assistance in improving the translation of specification characteristics.

a. page 1, category A. Mullers instead of "Runners."

b. page 1, footnote b. for loam instead of "for clay."

c. page 2, category B. Sand Aerators instead of "Sand Loosenors."

d. page 2, footnote b. Number of revolutions of blade shaft = 750 RPM instead of "750 blade shaft RPM."

e. page 2, footnote b. housing instead of "casing" as a trans-lation for Korbukh here.

f. page 3, category A. Molding Machines (Pneumatic-Jolt) instead of just "Molding Machines."

g. page 3, 5th specification. Load capacity at no less than 6 atm., kg. instead of "Min load capacity at 6 atm, kg."

h. page 3, footnote a. rock-over table instead of "rollover table."

i. page 3, footnote c. roll-over plate instead of "rock-over plate."

j. page 3, footnotes e thru f. dopressovka to be translated as squeeze instead of "pre-squeezing."

k. page 4, machine model 283. Hand Core Machine with roll-over table . . . instead of "Core machine with turntable . . ."

l. page 4, 5th specification. planki refers to the two arms that form the draw table.

m. page 4, machine model 287. Sand blowing core machine . . . instead of "Sand blasting core machine . . ."

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n. page 5, footnote a. Suggest change to read Price includes cost of 20 scoops (for slinging head); and also 5 curved shield plates (for slinging head) . . . .

o. page 6, model nos. 323 & 334. Both drobemetnaia and drobestruinaia are best translated as shotblasting; and, here, korpus is best translated as chamber.

p. page 7, throughout page. akkumulyator to be translated as accumulator instead of "battery;" and mednykh to be translated as copper instead of lead.

3. We are not in a position to comment on whether or not the model-types or specifications of the Soviet foundry equipment selected for the sample provide an adequate basis for selecting US counterparts, or what 1955 US produced models of foundry equipment are directly comparable with the Soviet models.

4. We are not acquainted with any additional studies containing comparisons of Soviet and US foundry machine models.

The following list identifies the American machines and firms that are included in the comparison study found on p. 164 of Spravochnik letei shchika.

Trade name of machinery	Firm and address
Simpson	National Engineering Co. 549 Washington Blvd. Chicago 6, Illinois
Speedmuller Champion Beardsley-Piper	Beardsley & Piper Division of Pettibone Mulliken Corp. 2424 N. Cicero Ave. Chicago 39, Illinois
Osborn	The Osborn Manufacturing Co. 5401 Hamilton Ave. Cleveland, Ohio
Nicholls	Nicholls, Wm. H., Co. Richmond Hill Long Island 18, New York

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Link-Belt	Link Belt Co. 300 W. Pershing Rd. Chicago 9, Illinois
Adams	Adams Co. Dubuque, Iowa
Herman	Herman Pneumatic Co. Union Bank Bldg. Pittsburgh 22, Pennsylvania
Milwaukee	Milwaukee Foundry Equipment Division, Spo Inc. 3328 Pierce St. Milwaukee 4, Wisconsin
Tabor	Tabor Manufacturing Co. 6225 Tacony St. Philadelphia 35, Pennsylvania

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